

AFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of

ARNESS et al

Atty. Ref.: MJK-839-1549; Confirmation No. 7255

Appl. No. 10/829,281

TC/A.U. 1775

Filed: April 22, 2004

Examiner: J. J. Zimmerman

For: TURBINE AIRFOIL TRAILING EDGE REPAIR AND METHODS THEREFOR

* * * * *

December 13, 2007

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST FOR RECONSIDERATION

In response to the Official Action dated October 5, 2007, applicants request reconsideration for the reasons that follow.

The Examiner continues to reject claims 1-3 under 35 U.S.C. § 103(a) as unpatentable over prior art disclosed in the application specification in view of Williams (US 2,657,902), Beeck et al. (US 2001/0012484) and Field (US 4,672,727).

Williams is cited to show that it is conventional in the welding art to chamfer or bevel the edges of an airfoil component to accommodate welding; Beeck has been cited for showing ribs employed between the pressure and suction sides of airfoils controlling cooling air flow between the ribs to a radial plenum; Field has been cited to show flared cooling holes in airfoils for maximizing cooling.

Noticeably absent from the prior art is any disclosure or suggestion of a trailing edge coupon used for repairing turbine nozzle segments that have a plurality of film cooling holes